

# FE150

## WIRE DRAG

Diagram No. 1213-3

NOAA FORM 76-35A

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

### DESCRIPTIVE REPORT

(HYDROGRAPHIC)

Type of Survey .... Wire Drag .....

Field No. ....

Office No..... FE-150WD (1955) .....

#### LOCALITY

State ..... New York .....

General Locality .. Long Island Sound .....

Locality .....

1957

CHIEF OF PARTY  
N.E. Taylor

#### LIBRARY & ARCHIVES

DATE ..... June 1957 .....

☆ U.S. GOV. PRINTING OFFICE: 1976-669-441

NOTE: A new system for registering Field Examinations (FE's) was established in 1980. All FE's are now consecutively numbered as shown hereon. The date shown in the new format is the actual date of survey. This material was previously registered as;

FE No.9 1957

FE150  
WIRE DRAG



# F E No. 9 1957

## WIRE DRAG

Diag. Cht. No. 1213-3

FE 150

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

### DESCRIPTIVE REPORT

Special Report

Type of Survey Wire Drag Investigation

Field No. .... Office No. F.E.No. 9-1957

#### LOCALITY

State New York

General locality Long Island Sound

Locality .....

194 57

CHIEF OF PARTY

N. E. Taylor

LIBRARY & ARCHIVES

DATE June, 1957

B-1870-1 (1)

F E No. 9 1957  
WIRE DRAG



WAB

FE 9 (1957)

U. S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY  
Ships WAINWRIGHT AND HILGARD  
Post Office Box 54,  
Southwest Harbor, Maine

POST-OFFICE ADDRESS:

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

23 May 1957

To: The Director  
Coast and Geodetic Survey  
Department of Commerce Building  
Washington 25, D. C.

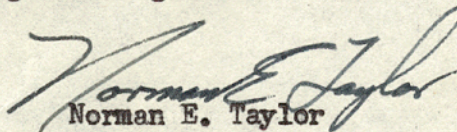
Subject: Special Report - Wire Drag, Long Island Sound.

Work covered by this report was done under Supplemental Instructions -- Project 15010, Wire Drag Investigation, Long Island Sound, dated 1 February 1957.

The area in question, in 8 feet of water on chart 223, was investigated with the wire drag equipment and the 3-4 foot reported depth was cleared to 6-1/2 feet effective depth with the drag.

The following procedure was followed for this investigation. A 1200 foot length drag was put out north of the area and this drag hung at the 8 foot sounding on chart 223 with an effective depth of 7.5 feet. The drag was backed off and raised to 5.0 feet effective depth which cleared the area. An effective 6.5 foot depth was then dragged back over the area without a hang. The drag was then lowered to 8.5 foot effective depth and hung in the area of the 8 foot sounding on chart 223. No further investigation was made.

It is concluded from this investigation that the 3-4 foot reported depth does not exist, and should be deleted from the chart. It appears that the shoal area in question is between 6-1/2 and 7-1/2 feet in depth as shown by the wire drag investigation.

  
Norman E. Taylor  
LCDR, USC&GS  
Commanding

cc: New York D.O.

H.O.N.M. 26 6/29/57

161  
32/56



TIDE NOTE FOR HYDROGRAPHIC SHEET

Chart Division: R. H. Carstens

20 June 1957

Plane of reference approved in  
1 volumes of sounding records for

HYDROGRAPHIC SHEET FE NO. 9 1957

Locality Long Island Sound, N.Y.

Chief of Party: N. E. Taylor

Plane of reference is mean low water, reading

4.9 ft. on tide staff ~~xx~~ of 1931 at Willets Point

13.7 ft. below B.M. 1 (1934)

Height of mean high water above plane of reference is 7.1 feet.

Condition of records satisfactory except as noted below:

  
Signature

Chief, Tides Branch



# Hydrographic Surveys (Chart Division)

HYDROGRAPHIC SURVEY NO. F.E.No.9-1957

## Records accompanying survey:

Boat sheets .....; sounding vols. ....; wire drag vols. 1;  
 bomb vols. ....; graphic recorder rolls .....;  
 special reports, etc. 1-Special report and 1-Section Chart 223.  
 .....

The following statistics will be submitted with the cartographer's report on the sheet:

|   |            |                                   |
|---|------------|-----------------------------------|
| Number of positions on sheet                            | .....      | <u>38</u>                         |
| Number of positions checked                             | .....      | <u>6</u>                          |
| Number of positions revised                             | .....      | <u>0</u>                          |
| Number of soundings revised<br>(refers to depth only)   | .....      | <u>0</u>                          |
| Number of soundings erroneously spaced                  | .....      | <u>0</u>                          |
| Number of signals erroneously plotted<br>or transferred | .....      | <u>0</u>                          |
| Topographic details                                     | Time       | ..... <u>0</u>                    |
| Junctions   | Time       | ..... <u>0</u>                    |
| Verification of soundings from<br>graphic record        | Time       | ..... <u>0</u>                    |
| Verification by <u>J. Zeskind</u> .....                 | Total time | <u>6</u> ..... Date <u>9-9-57</u> |
| Reviewed by <u>J. Zeskind</u> .....                     | Time       | <u>2</u> ..... Date <u>9-9-57</u> |



Review of Field Examination No. 9. 1957

This field examination was made in compliance with the Director's Supplemental Instructions for Project 15010, Long Island Sound, dated 1 February 1957.

The purpose of the examination was to verify or disprove the existence of a reported sunken rock with a least depth of 3 ft. to 4 ft., located approximately 600 yards,  $140^{\circ}$  true from Gangway Rock Light, Long Island Sound, N. Y. (Chart letter 958, 1955).

The 3 ft. to 4 ft. reported depth was not found. A wire-drag set to an effective depth of 7 ft. hung an obstruction which was cleared by a wire-drag set to an effective depth of 6 ft.

The results of the field examination are stated in the accompanying letter of Lt. Cdr. N. E. Taylor, Commanding Ships Wainwright and Hilgard, dated 23 May 1957, and are shown on the accompanying section of Chart 223.

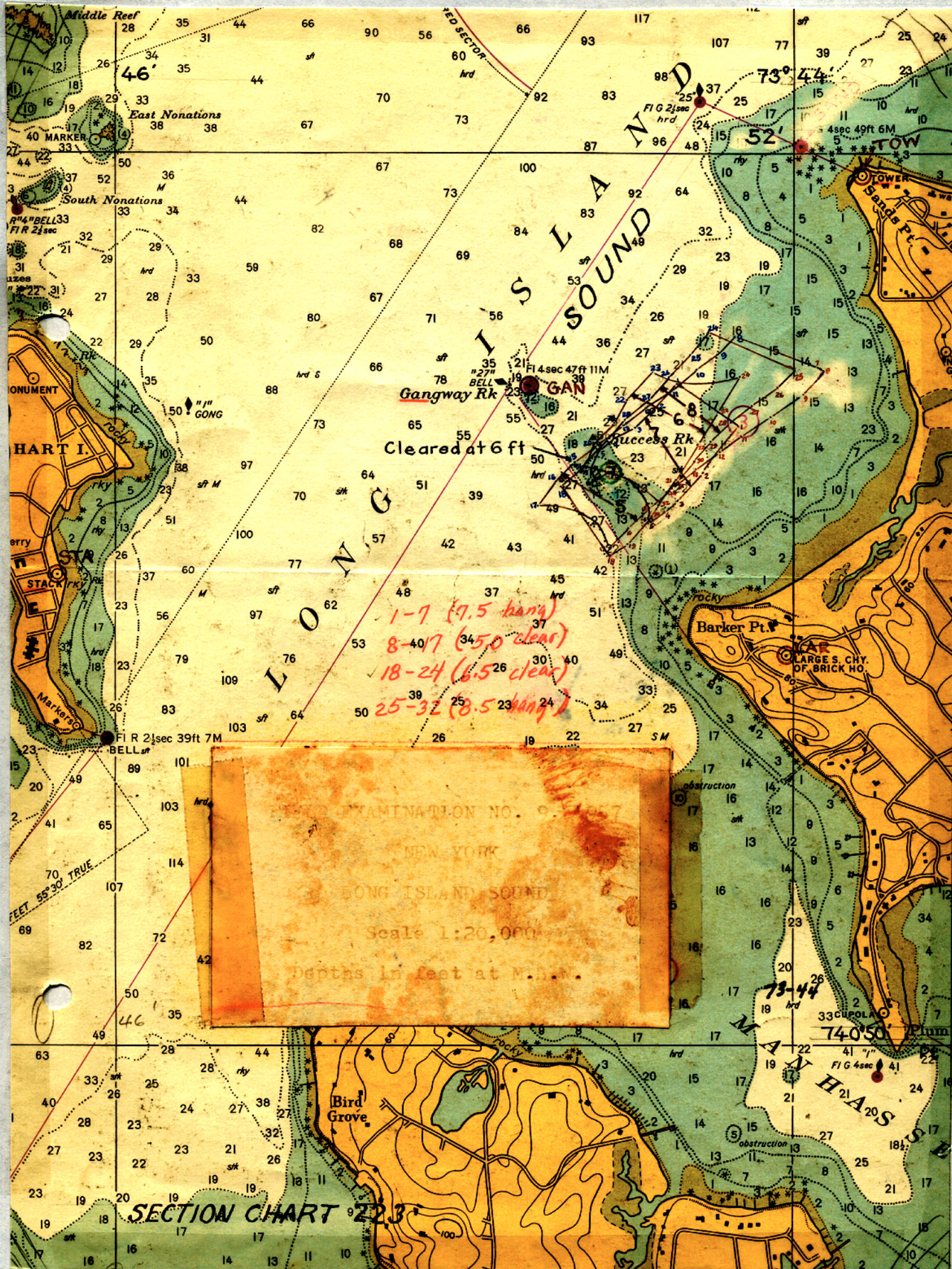
The work was applied as a hand correction to Chart 223, dated 24 August 1957, from the field examination prior to verification and review. The charted information is correct. The effective wire-drag depths are in harmony with the charted depths.

The Descriptive Report covers all other matters pertaining to this examination. No further discussion is considered necessary.

Reviewed by: I. M. Zeskind.  
9/9/57

Inspected by: R. H. Carstens







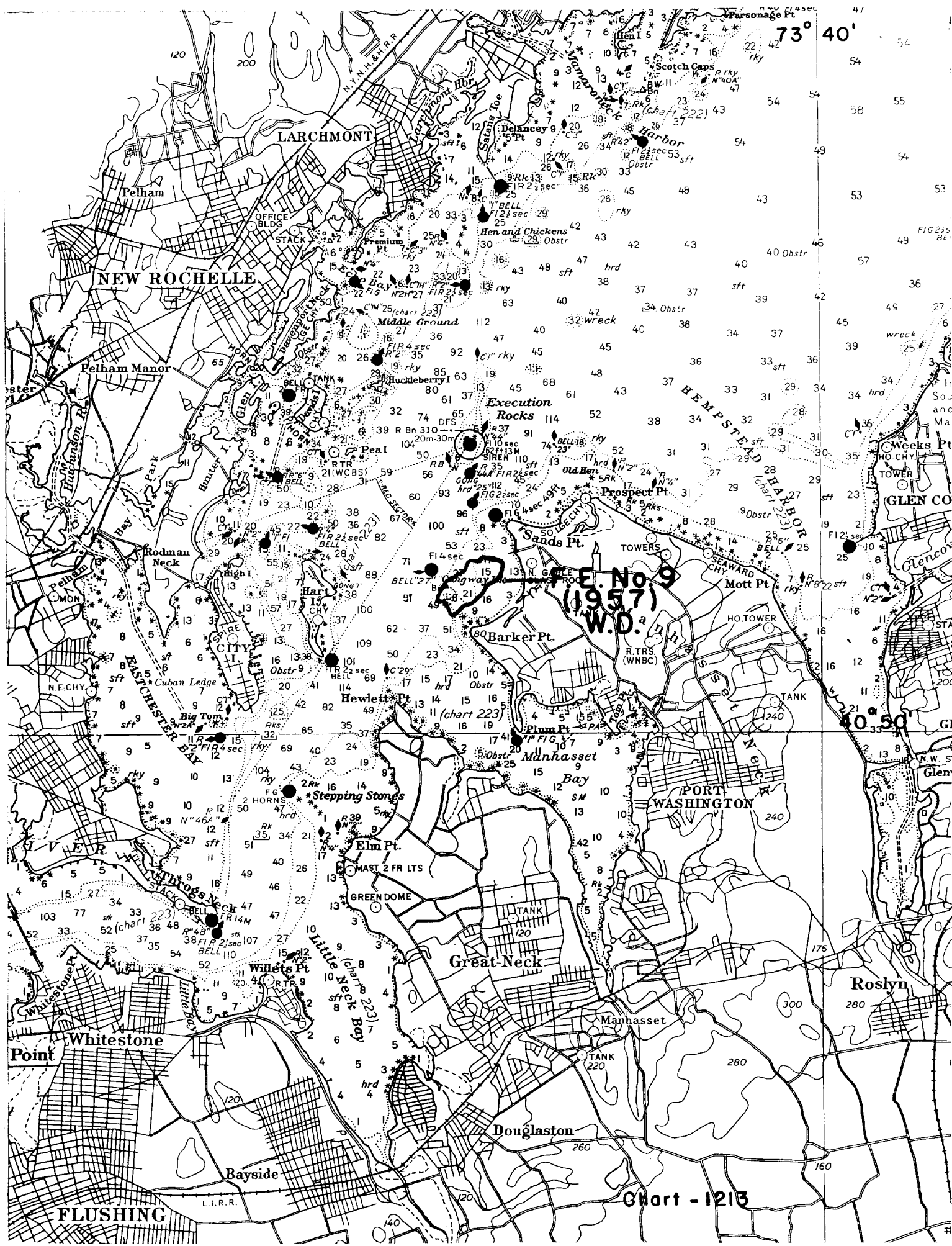


Chart - 1213



## NAUTICAL CHARTS BRANCH

SURVEY NO. F.E.No.9-1957  
W.D.

## Record of Application to Charts

[illegible]

M-2168-1

**A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.**